AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Please withdraw claims 22 to 35.

This listing of claims will replace all prior versions, and listing, of claims in the application:

1. (currently amended): A method for solvent extraction of an organic analyte ~~analytes~~ from a sample comprising the analyte, said method comprising,

~~dynamically~~ contacting ~~an analyte-containing~~ the sample in an extraction cell with a preheated pressure-regulated organic solvent system comprising an [[as]] extraction fluid comprising at least one organic solvent, wherein the extraction fluid in the extraction cell is under conditions comprising elevated temperature ~~temperatures~~ and regulated pressure ~~pressures~~ within a specified pressure range or at a specified pressure value to non-selectively extract said analytes from said sample, and the solvent in the extraction cell is maintained under the regulated pressure or pressure range by an in-line back pressure regulator positioned downstream of the extraction cell, and said organic solvent system is [[being]] in liquid form under [[the]] conditions [[of]] comprising elevated temperature and pressure during extraction.

2. (previously presented): The method of claim 1 wherein said solvent system comprises more than one organic solvent.

3. (currently amended): The method of claim [[2]] 1 wherein said solvent comprises ~~at least~~ two organic solvents.

4. (original): The method of claim 1 wherein said regulated pressure is from about 10 to about 30 bar.

5. (original): The method of claim 1 wherein said temperature is from about 100 to about 200 degrees Celsius.

6. (currently amended): The method of claim 1 wherein the regulated pressure is below about 30 bar.

7. (original): The method of claim 1 wherein said sample fills said extraction cell.

8. (original): The method of claim 1 wherein said extraction cell is full of a mixture comprising the sample and an inert filler.

9. (original): The method of claim 1 wherein the contact with solvent occurs for between about 5 and about 200 minutes.

10. (original): The method of claim 1 wherein the contact with solvent occurs for about 20 to about 25 minutes.

11. (original): The method of claim 1 wherein, after about 20 or 25 minutes of contact with solvent no more than about 10% more of said analytes can be extracted in said method for an additional 20 minutes.

12. (currently amended): The method of claim 1 wherein the solvent comprises [[is]] methanol.

13. (currently amended): The method of claim 1 wherein the sample is selected from the group consisting of a botanical [[or]] and an herbal preparation.

14. (original): The method of claim 1 wherein said solvent comprises one or more organic solvents selected from the group consisting of perchloroethylene, isooctane, hexane, acetone, methylene chloride, toluene, methanol, chloroform, ethanol, tetrahydrofuran, acetonitrile, methyl ethyl ketone, pentane, N-methylpyrrolidone, cyclohexane, dimethyl formamide, xylene, ethyl acetate, chlorobenzene, methoxyethanol, morpholine, pyridine, piperidine, dimethylsulfoxide,

ethoxyethanol, isopropanol, propylene carbonate, petroleum ether, diethyl ether, dioxane, and mixtures thereof.

15. (currently amended): The method of claim 1 wherein said organic solvent system further comprises ~~contains~~ an additive.

16. (currently amended): The method of claim 15 wherein said additive is selected from the group consisting of trifluoroacetic acid, citric acid, acetic acid, trimethyl amine, and trimethyl ammonium hydroxide.

17. (currently amended): The method of claim 1 wherein said analytes comprise ~~include~~ at least one analyte selected from the group consisting of aristolochic acids, berberine, and strychnine.

18. (currently amended): The method of claim 1 wherein no microwave energy is used, or, microwave energy is used to heat the sample, the solvent or the extraction cell.

19. (currently amended): The method of claim 1 further comprising detection of said extracted analytes.

20. (currently amended): The method of claim 1 wherein the ~~dynamically~~ contacting is at a flow rate of about 1 ml/min solvent.

21. (currently amended): The method of ~~analyzing analytes extracted from a sample comprising the method of~~ claim 1 further comprising analysis of said extracted analytes by a technique selected from the group consisting of gas chromatography, mass spectrometry, ion chromatography, liquid chromatography and capillary electrophoresis.

22. (withdrawn): An apparatus adapted to carry out the method of claim 1, said apparatus comprising

an extraction cell capable of containing said sample and containing a solvent line input connector and a solvent line output connector for solvent lines,

a heating assembly capable of heating said extraction cell and the solvent line in contact with said input connector,

a pump linked to said extraction cell via said input connector and capable of delivering solvent to said cell, and

a backpressure regulator linked to said cell via said output connector and capable of regulating pressure to be 10-20 bar in said cell.

23. (withdrawn): The apparatus of claim 22 wherein said heating assembly comprises a preheating coil in contact with said solvent line in contact with said input connector.

24. (withdrawn): The apparatus of claim 22 further comprising a collection means for extracted analytes.

25. (withdrawn): The apparatus of claim 22 wherein said solvent comprises one or more than one solvent.

26. (withdrawn): The apparatus of claim 22 wherein said solvent comprises at least two organic solvents.

27. (withdrawn): The apparatus of claim 22 wherein said backpressure regulator limits pressure in said extraction cell to be 20 bar.

28. (withdrawn): The apparatus of claim 22 wherein said extraction cell is maintained at a temperature from about 100 to about 200 degrees Celsius.

29. (withdrawn): The apparatus of claim 22 wherein the solvent is methanol.

30. (withdrawn): The apparatus of claim 22 wherein the sample is selected from a botanical or herbal preparation.

31. (withdrawn): The apparatus of claim 22 wherein said solvent comprises one or more organic solvents selected from the group consisting of perchloroethylene, isooctane, hexane, acetone, methylene chloride, toluene, methanol, chloroform, ethanol, tetrahydrofuran, acetonitrile, methyl ethyl ketone, pentane, N-methylpyrrolidone, cyclohexane, dimethyl formamide, xylene, ethyl acetate, chlorobenzene, methoxyethanol, morpholine, pyridine, piperidine, dimethylsulfoxide, ethoxyethanol, isopropanol, propylene carbonate, petroleum ether, diethyl ether, dioxane, and mixtures thereof.

32. (withdrawn): The apparatus of claim 22 wherein said solvent contains an additive.

33. (withdrawn): The apparatus of claim 32 wherein said additive is selected from trifluoroacetic acid, citric acid, acetic acid, trimethyl amine, and trimethyl ammonium hydroxide.

34. (withdrawn): The apparatus of claim 22 wherein said analytes include at least one analyte selected from aristolochic acids, berberine, and strychnine.

35. (withdrawn): The apparatus of claim 22 wherein said pump delivers solvent at a flow rate of about 1 ml/min solvent.

36. (new): The method of claim 1, wherein the extraction cell further comprises a solvent line input connector and a solvent line output connector for solvent lines.

37. (new): The method of claim 36, wherein the extraction cell further comprises an apparatus comprising a heating assembly capable of heating the extraction cell.

38. (new): The method of claim 36, wherein the solvent line is in contact with the input connector, and the extraction cell further comprises an apparatus comprising a pump linked to the

extraction cell via the input connector, and the input connector is capable of delivering solvent to the extraction cell.

39. (new): The method of claim 36, wherein the down-stream positioned in-line backpressure regulator is linked to the extraction cell via the solvent output connector.

40. (new): The method of claim 39, wherein the backpressure regulator is capable of regulating pressure to be in a range of between about 10 bar to 20 bar in the extraction cell.

41. (new): The method of claim 37, wherein the heating assembly further comprises a preheating coil in contact with a solvent line in contact with the input connector.

42. (new): The method of claim 1, further comprising an apparatus for collecting the extracted analytes.

43. (new): The method of claim 1, wherein the extraction cell is maintained at a temperature between about 100 degrees Celsius (°C) to about 200 °C.

44. (new): The method of claim 1, wherein the sample comprises a solid or a semi-solid sample.

45. (new): The method of claim 1, wherein the solvent is subject to a heating step prior to contact with the extraction cell.

46. (new): The method of claim 1, wherein the extracted analyte is continuously extracted and removed by a continuing flow of heated and pressure-regulated solvent moving through the extraction cell.

47. (new): The method of claim 1, wherein the extracted analyte is moved through the extraction cell to a collection apparatus, a detection apparatus or an analytical device.

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48. (new): The method of claim 47, wherein the analytical device comprises a capillary electrophoresis (CE) or a high performance liquid chromatography (HPLC).

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